

| Ref # | Hits | Search Query                                                                                                                                                                       | DBs                                                     | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| L25   | 9    | AAV2 and (VP1 or VP2 or VP3 or VP-1 or VP-2 or VP-3) same insertion                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:46 |
| L24   | 2    | bartlett.in. and "588" and aav                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:46 |
| L10   | 41   | AAV2 and (VP1 or VP2 or VP3 or VP-1 or VP-2 or VP-3) and (enhanced or improved or increase or increased) adj5 (titer or titre or infection or infectivity)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:46 |
| L23   | 0    | bartlett.in. and "587" and aav                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:45 |
| L22   | 12   | bartlett.in. and "587"                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:45 |
| L21   | 15   | AAV2 and (VP1 or VP2 or VP3 or VP-1 or VP-2 or VP-3) same ("587")                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:45 |
| L20   | 2    | AAV2 and (VP1 or VP2 or VP3 or VP-1 or VP-2 or VP-3) same (enhanced or improved or increase or increased or enhance or increase) adj5 (titer or titre or infection or infectivity) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:45 |
| S16   | 2    | monoclonal adj3 antibody adj3 CD34 same sequence                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:43 |
| L19   | 43   | AAV2 and (VP1 or VP2 or VP3 or VP-1 or VP-2 or VP-3) and (enhanced or improved or increase or increased or enhance or increase) adj5 (titer or titre or infection or infectivity)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/23 13:43 |

|     |    |                                                                                                                                                           |                                                         |    |    |                  |
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| L18 | 0  | signal adj3 double-stranded adj synthesis                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:43 |
| L17 | 0  | signal adj3 double-strand adj synthesis                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:43 |
| L16 | 0  | signal adj double-strand adj synthesis                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:43 |
| L15 | 0  | signal adj double-strand adj synthesis                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:43 |
| L14 | 4  | l1 and "587" and aav                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:34 |
| L13 | 31 | l1 and "587"                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:34 |
| L12 | 1  | l1 and l10                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:34 |
| S28 | 63 | AAV and (VP1 or VP2 or VP3 or VP-1 or VP-2 or VP-3) and (enhanced or improved or increase or increased) adj5 (titer or titre or infection or infectivity) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:33 |
| L11 | 0  | l1 and l9                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:33 |
| L9  | 17 | YKQIS or sqsga or yltln or ngsqa or yylsr or tntps or eekff or pqsgv or npvat or eqygs or lqrgn or rqaat or nvdpt or vdtng                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:33 |

|     |      |                                                          |                                                         |    |    |                  |
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| S20 | 0    | YKQIS                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:31 |
| L8  | 96   | insertion and aav2 and infectivity                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:31 |
| L7  | 0    | "10/031313"                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:31 |
| L6  | 3    | "10031313"                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:31 |
| L5  | 0    | "yltlnngsqa"                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:31 |
| L4  | 0    | yltlnngsqa                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:30 |
| L3  | 0    | ykqissqsga                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:30 |
| L2  | 0    | 10/031187                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:30 |
| S78 | 7471 | Hallek.in. or Reid.in. or Deleage.<br>in. or Munchen.in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:18 |
| L1  | 7668 | Hallek.in. or Reid.in. or Deleage.<br>in. or Munchen.in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/23 13:18 |

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| S90 | 0 | 09/720066 and structural | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 06:42 |
| S1  | 0 | 09/720066                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 06:42 |